

**To:** Lyndsey Nguyen (Nguyen.Lyndsey@epa.gov)[Nguyen.Lyndsey@epa.gov]  
**From:** Daly, Eric  
**Sent:** Mon 12/21/2015 10:55:15 PM  
**Subject:** Revised Summary of info needed for all of Daly Sites  
Niagara Falls Boulevard Action Memo EMD 12-07-15.docx

Please review my email below from last week. This is what we have outstanding for Ben and us. I deleted the Wolff info.

CRU: Obviously the CRU meeting has happened. However, we need to give Dan a more detailed recommendation on what to do as far as assessment (survey & soil sampling)

NFB:

1. We need to calculate shielding using same principals as CRU slideshow. If we have the amount of shielding needed, we can estimate overall costs (Material, labor, travel, etc.) to install the shielding for the whole property of concern and just for the parking lot. We will use Wolff as a guide. If the shielding consists of less layers, than it would be slightly less for materials (not so much time and labor). If the shielding required is thicker, than we know it will be more than Wolff. Unless you have a better idea.
2. The Action Memo (attached) needs your blessing. I am not sure after we talked if you review as is or you have some error you discovered (internal versus external). I was hoping to have an excavation only action memo ready to go and then if we need to revise based on the shielding option or shielding/excavation option or fencing shielding option....we will.

**From:** Daly, Eric  
**Sent:** Thursday, December 17, 2015 1:00 PM  
**To:** 'Nwosu, Bernard' <Ben.Nwosu@WestonSolutions.com>  
**Cc:** Lyndsey Nguyen (Nguyen.Lyndsey@epa.gov) <Nguyen.Lyndsey@epa.gov>  
**Subject:** Revised Summary of info needed for all of Daly Sites

Ben and Lyndsey:

Please see the updated info below highlighted and underlined. Thanks

**This is what I have for NFB, CRU and HTC:**

**Information that is still pending from EPA to Weston:**

1. CRU: Site-specific action level for radiological parameters – **(Lyndsey is working with Lora Smith and should be able to have these numbers early next week).** Lyndsey is working on this today with Lora Smith.
2. HTC: Site-specific action level for Bi-210, Pb-210, and Th-234, which were not included in the list received **(Lyndsey will need to comment on this)** This will most likely be addressed next week.
3. NFB: Do we have an action level for aqueous matrix (pg. 3 of the table)? **This question is for all the sites. We will require site-specific action levels for each site.** This will most likely be addressed next week.
4. Swipe sample locations Niagara Falls Blvd and Holy Trinity **(I provided this last week)** Oleg compared wipe results for the Moffat Street Site with the following statement: “These levels are below 100 dpm and 1,000 dpm, respectively, outlined in *New York City Department of Health and Mental Hygiene (NYC DOHMH) Article 175 of the NYC Health Code, “Radiation Control”, §175.03 - Release of Materials or Facilities.*” Do you intend to consider this for the rest of the NY Rad sites? See Attachment E. This will most likely be addressed next week.
5. Swipe sample locations Canadian Radium – Completed.
6. I have not received your decision regarding EPA standards to compare with TAL Metals + mercury analytical results. This will most likely be addressed next week.

**Information that Eric and Lyndsey need for NFB Action Memo**

1. Lyndsey needs to review current action memo version with Mark Pane/Eric Daly comments ( **I will email Friday Morning**)
2. Lyndsey needs to review shielding alternative narrative that Eric created based on Wolff Alport Shielding info (**I will email Friday Morning**)

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**Information that Eric and Lyndsey need for E. Wilson/D. Gaughan Phone Conference**

1. CRU: PRG values
2. CRU: Proposed additional survey/sample locations based on Pre-Remedial Gamma Survey
3. CRU: Historical research on when last removal occurred (Dan thinks that report shows a removal in the 90's. I have asked Dan to provide document that explains any removal)

Most importantly, you both are the main reason we have gotten this far on all of these sites. I am going to say something again to Dee about you Lyndsey. Ben, I was in a training with Rich Craig and Tim Benton yesterday and told them how instrumental you have been. I am not sure if my praise holds any weight but I know it is better than complaints. ☺